SYMPOSIUM SUR LA BIODIVERSITE DE MADAGASCAR
« LA BIODIVERSITE AU SERVICE DU DEVELOPPEMENT »

Data access and data sharing

Madagascar case study

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Madagascar a rich biodiversity country

- Naturalists promised land
- Nature sanctuary
- Nature jewel were used to portrait Madagascar
  - Vascular plants: 8 500 – 12 000 spp (0.1 %)
  - 5 endemic families
  - Orchidaceae: 90 % (1100 = 0.04 % world spp)
  - Euphorbia 170 spp. And varieties = 10 % of known spp.

Madagascar a biodiversity rich country

- Animals:
  - Primate 98 - 100 % (101)
  - Amphibians 99 % (266)
  - Reptiles : 92 % (363)
  - Insectivora : 94 – 97 (30 – 35)
  - Rodents : 89 % (28)
  - Carnivora : 87 % (15)
  - Bats : 54 % (28)
  - Birds : 51 % (266)
  - Land area = 0.004 %

Madagascar a biodiversity rich country

- Unfortunatly, under threats (habitat loss, illeagal logging, poaching)

- Madagascar one of the 34 Biodiversity hotspots

- More data source available

Biodiversity informations needs

- Madagascar, as a contracting party of CBD has accepted to conserve this rich biodiversity, to use it sustainably

- Need a strong basis of knowledge about these resources to implement this commitment

Data access

- Do the biodiversity data exist
  - Yes but scattered (in institutions, librairies, individual researchers, museums),
  - Difficult to find
  - Lifetime may be short
- In what form do they exist?
  - Specimens
  - Photos
  - Litteratures
  - manuscripts
  - Rare databases (Tropicos, sonnerat, fish base)

Data access

- With GBIF:
  - Development of many databases (Tropicos – MBG, Catalogue of vascular plants – MBG, Sonnerat – MNHN, Catalogue of life, IPNI, Vertnet portal, Rebioma data portal…
  - Easier access to data
    - No need to request through many data portals almost all data are federated in GBIF portal

Data sharing

- So far, 1,220,195 are published through GBIF portal by 36 countries (Animals :790,279; Plants : 388,235. Among those 18,748 are from Madagascar

Thank you for listening

Merci de votre attention

Asante sana

Misaotra